Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 22 Feb 2023 until 23:59 on Thursday 23 Feb 2023

Forecast Issued on Wednesday 22 Feb 2023 at 00:37

Confidence: High for some unsettled conditions mainly during the nights and prior to the weekend, then largely fair for the weekend, but lower for the cloud detail

Headline for Wednesday 22 Feb 2023: Brighter spells and scattered showers. Freezing level lowering.

Mountain weather hazards on Wednesday 22 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Fog	Sleet showers	Sleet showers	Sleet showers (night)	Partly cloudy (night)
Precipitation probability					
80%	20%	30%	30%	30%	10%

Forecast for Wednesday 22 Feb 2023

Weather: Band of rain first thing Wednesday morning, turning to snow down to 600-700m. This then clears to a mix of bright and sunny spells and a few light showers by midday. Snow level in showers lowering 400-500m from mid-afternoon.

Chance of cloud-free hill tops above 600m: 30% at dawn, becoming 70% early afternoon.

Low Cloud and visibility: Good or very good, becoming moderate or poor in rain and showers, very poor in snow and within cloud with bases quite extensive from 500m at first, infrequently so from mid-morning.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 22 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 SW	11/18 NW	14/20 NW	12/18 N	11/18 N	13/21 N	17/26 N
300	2/10 S	8/17 NW	12/21 NW	9/18 N	7/17 N	9/21 N	11/25 N
Valley	5/14 SW	10/19 NW	10/20 NW	9/19 N	8/19 N	5/16 N	7/20 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	2/-2	2/-3	2/-2	2/-3	1/-4	1/-5
300	5/4	4/1	5/2	5/2	4/1	3/-1	3/-1
Valley	6/4	6/2	7/4	7/4	5/2	4/2	4/1
Freezing Level*	1200m	900m	800m	800m	700m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Severe wind chill developing at height as freezing level lowers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 22 Feb 2023	0.2mm	10.4mm	10.8mm

Forecast for Thursday 23 Feb 2023
Weather: Mainly dry, bright and sunny through the morning. Cloud slowly feeding from the north from the afternoon, bringing some patchy rain from late evening.

Maximum wind: North 15-20 mph easing and veering west for the afternoon

Chance of cloud-free hill tops above 600m: 90% plus becoming 30% by late afternoon

Low Cloud and visibility: Good or very good, becoming moderate or poor in later rain, very poor within cloud with bases becoming quite extensive from 500m during the evening.

Temperature: **Valleys:** Minus 2 Celsius increasing 9 Celsius during the afternoon
At 600m: Minus 2 Celsius increasing plus 2 Celsius by afternoon
Freezing level: 500m increasing 900m later

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